

## Abstract of the Disclosure

Disclosed is an apparatus for driving an embroidery frame of a multi-headed embroidery machine having a plurality of heads. Linear motors, for driving the embroidery frame in a direction of X-axis or Y-axis, are subdivided by their capacities so that they can be wired externally to prevent the deflection of the embroidery frame. The plurality of linear motors can be controlled simultaneously by means of a driver and a linear scale. The apparatus is characterized by an X-axis driving unit or a Y-axis driving units and an drive-control unit comprising: a linear motor section having a plurality of linear motors connected externally; a controller outputting a linear motor driving signal; a driver for driving the plurality of linear motors simultaneously by supplying a linear motor of the linear motor section with a driving current according to the linear motor driving signal from the controller; and a linear scale for feedback of an output signal, produced by the movement (degree of travel) of the linear motors, into the driver to control the movement of the linear motors actuated by the driver.